

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions or listings of claims for this application.

Listing of Claims:

1. (Currently amended) System for extracting, dosing, dispensing with controllable, regular and continuous flows, liquids, creams, chocolates, jams, fruit, squashes and the like, from a container ~~containers~~ thereof, ~~by means of a multicomponent device in the absence of pressing, or nebulizing gas,~~ said system generally comprising a ~~an~~ inner tube, a sac, a balloon, and a bottle, and a valve, characterized by wherein said inner tube is a hollow thick rigid rod (TU, TU') which extends from the top to the bottom of said container as an integral mono-body element comprising: provided with: inlet-outlet holes (FO, OL) in the highest possible position on said inner tube for said liquid or cream to avoid the formation of air bubbles; and
a bulkhead (BH) substantially beneath said inlet-outlet (FO,OL holes) defining within the hollow rod a major blind portion (BL) between said bulkhead (BH) and the a male top-shaped bottom terminal (TO);
said rod being provided with a thermoplastic liquids-containing sac (SAU) having a bottom female cavity (FC) to accommodate the male top-shaped bottom terminal (TO) of said rod, wherein said male top-shaped bottom terminal has a throat (GO) that couples with said female cavity with thermosealable terminal means to seal or fit with the female-shaped ends of a thermoplastic liquids containing sac on which is shed, an elastomeric balloon or vesica.

2. (Original) System according to claim 1, characterized in that said rod is provided at its head with a collar having annular protrusions made of a thermoplastic material having a softening point lower than the melting point of the rod forming material.
3. (Currently amended) System according to claim 1, characterized in that said ~~rod (TU, TU')~~ has a bottom male ~~top like top-shaped bottom terminal end (TO) to fit in an~~ ~~is shaped inversely shaped to the~~ female cavity in the bottle container.
4. (Canceled).
5. (Currently amended) System according to claim [[4]] 1, characterized in that a small cylinder (CC) covered with rings (MR) made of high friction material is movably inserted in said blind portion (BL) of the rod, whereby few up-down strokes of said high friction rings on (CC) generate sufficient heat to enhance the floatability of the liquids or creams within the sac.
6. (Currently amended) System according to claim [[4]] 5, characterized in that said thermoplastic sac (SAU) is provided ~~with a bottom female cavity (FC) to accommodate the male top shaped end (TO) of the rod; and with an open mouth (B) to fit and seal on the low softening material of the collar protrusions (MR).~~
7. (Original) System according to claim 1, characterized in that the sac (SAU) has an umbrella like structure.

8. (Currently amended) System according to claim 1, characterized in that said bottom female cavity (FC) is formed of an elastomeric balloon or vesica (PA) ~~has bottom female cavity (FC) to accommodate the bottom male top-shaped terminal (TO) of the rod.~~
9. (Previously presented) Method for the embodiment of the system according to claim 1, comprising at least the following steps:
 - I) assembling the hollow rod with a tap and cap;
 - II) sealing a thermoplastic sac at the upper and lower ends of said rod;
 - III) fitting an elastomeric balloon or vesica (PA) well shod on the thermoplastic sac (SA);
 - (IV) inserting in a bottle the assembly of the rod carrying tap and cap, of the thermoplastic sac and of the elastomeric balloon; and
 - (V) filling the sac.
10. (Previously presented) Method according to claim 9, comprising the steps of providing the hollow rod with:
 - (a) a male top-shaped terminal at the bottom thereof;
 - (b) a collar having ring protrusions made of a material with a low softening point at its upper portion;
 - (c) an upper bulk-head;
 - (d) a movable cylindrical body having high friction annular protrusions; welding the mouth of an umbrella like sac to said low softening ring protrusions and welding or fitting said male terminal of the rod to a female cavity in the bottom of said umbrella sac;
inserting the so assembled rod-sac within an elastomeric balloon also provided with a bottom female cavity;

applying a tap and a cap on the rod head;
inserting the rod-sac-balloon-tap-cap assembly within a bottle or bag-box, and
filling the sac with the liquids, creams, and the like, to be dispensed.